

FIG. 1

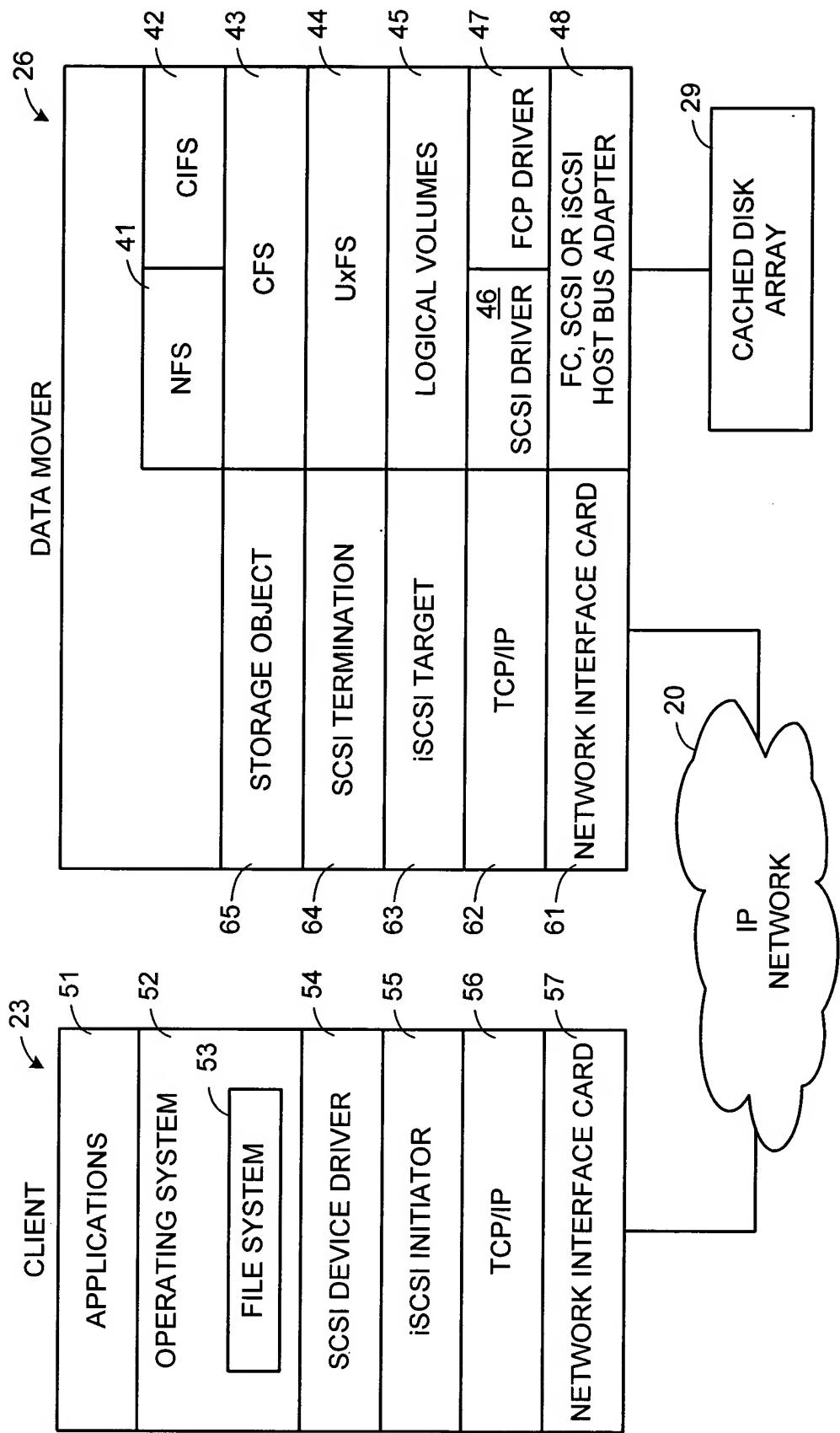


FIG. 2

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OPCODE	BYTE 1 FLAGS	BYTE 2 FLAGS	RESERVED
LENGTH			
LOGICAL UNIT NUMBER (LUN)			
INITIATOR TASK TAG			
EXPECTED DATA TRANSFER LENGTH			
CMDRN			
EXPSTTRN			
SCSI COMMAND DESCRIPTOR BLOCK (CDB)			
ADDITIONAL COMMAND-DEPENDENT DATA			

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FIG. 3 (PRIOR ART)

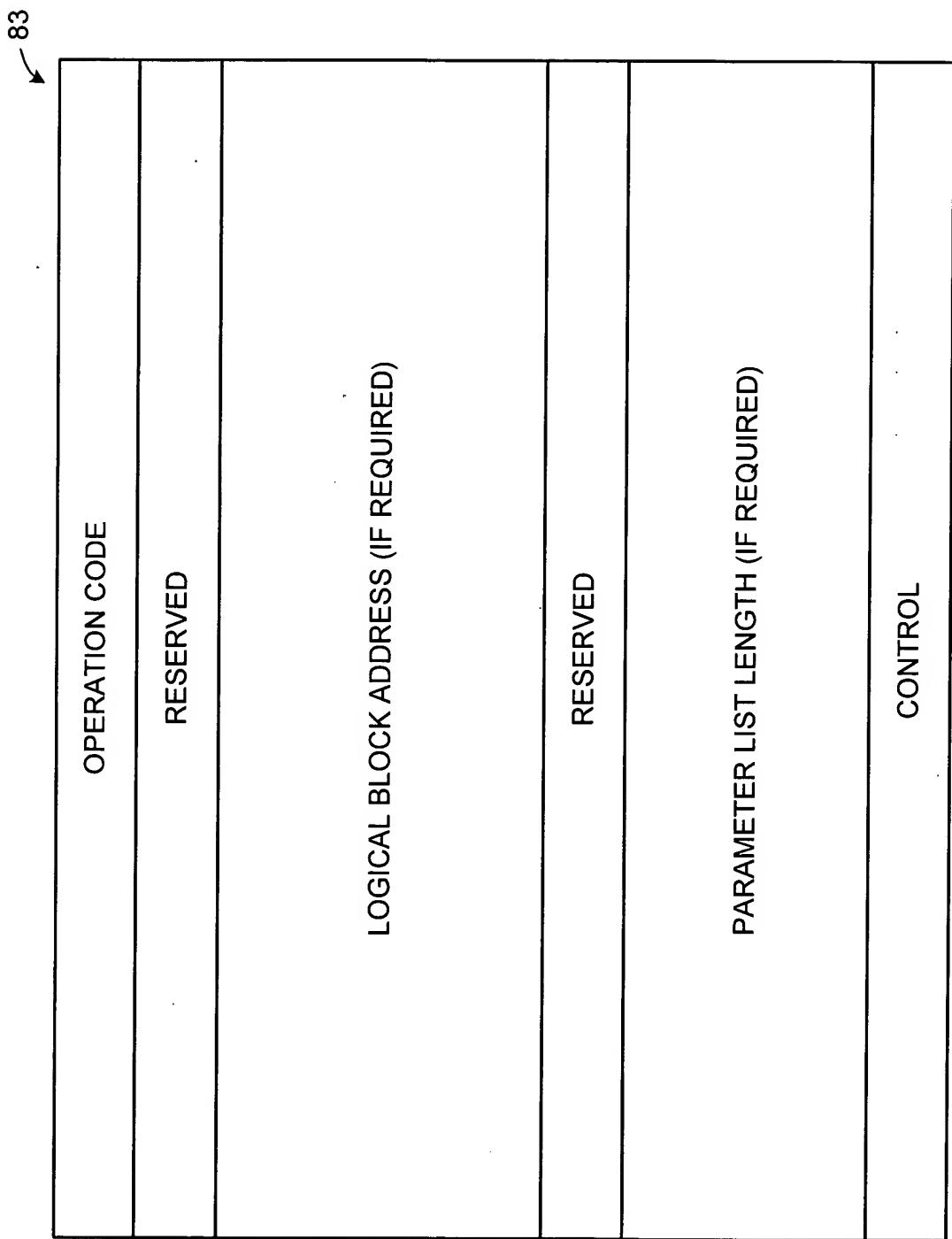


FIG. 4 (PRIOR ART)

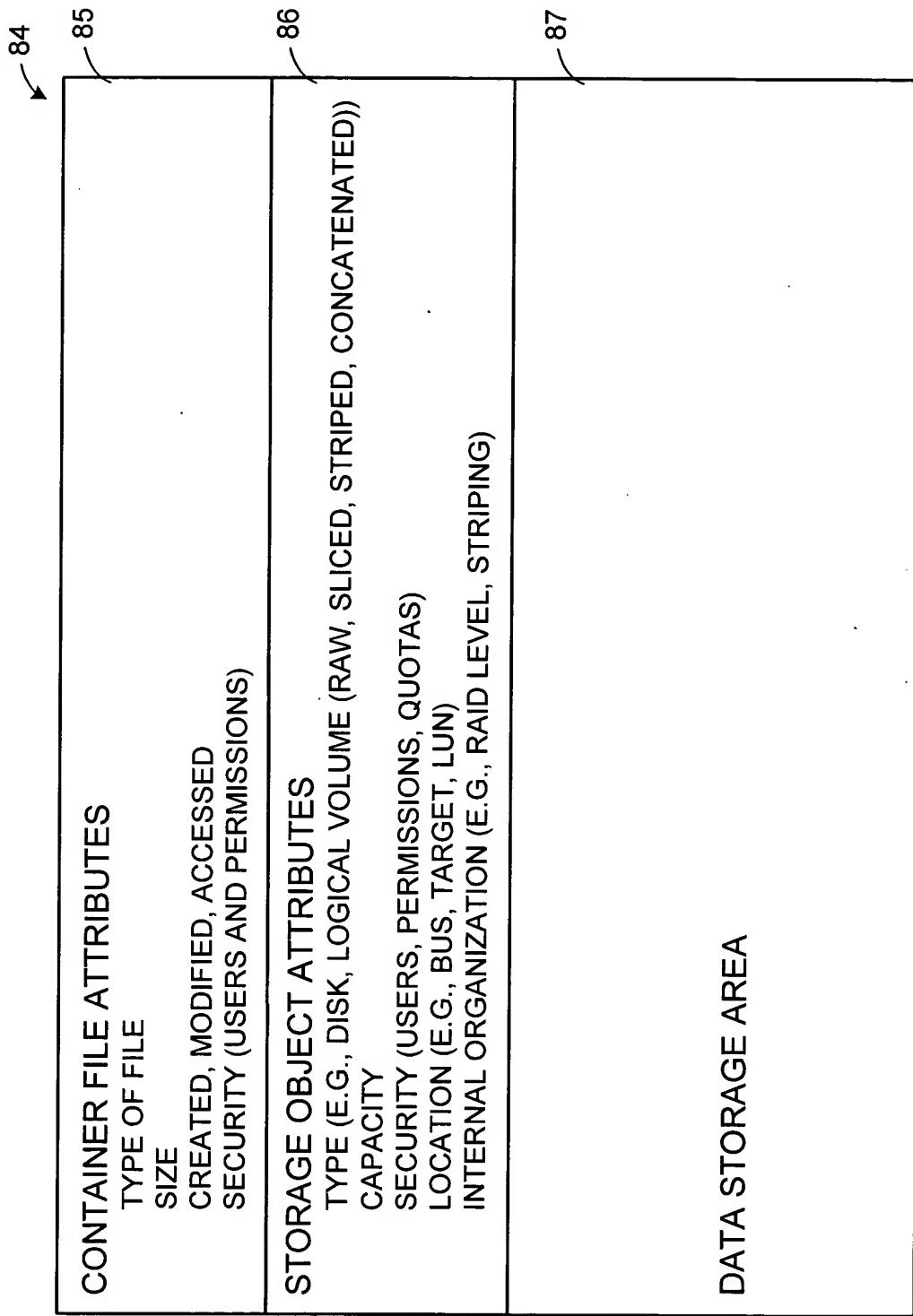


FIG. 5

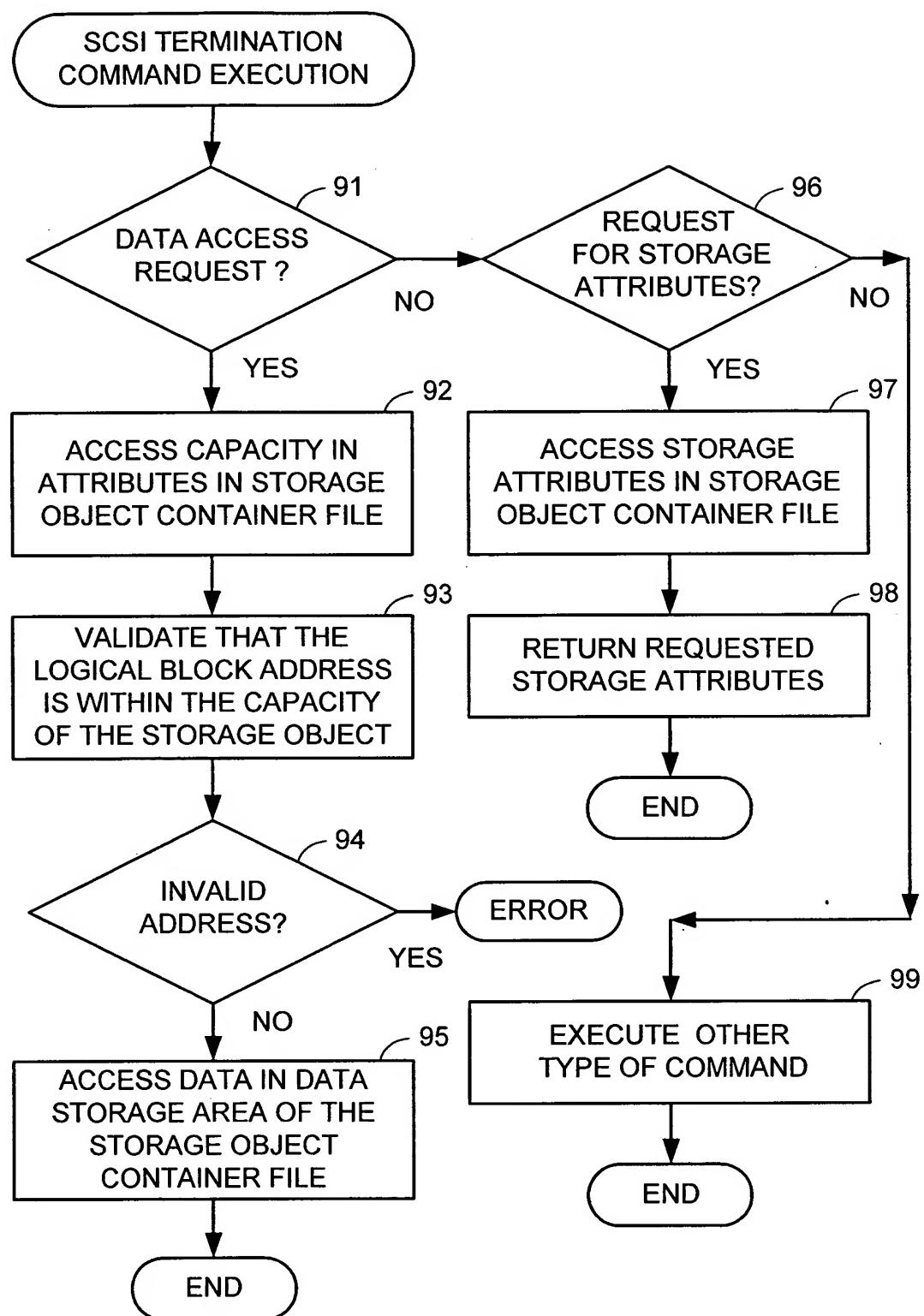
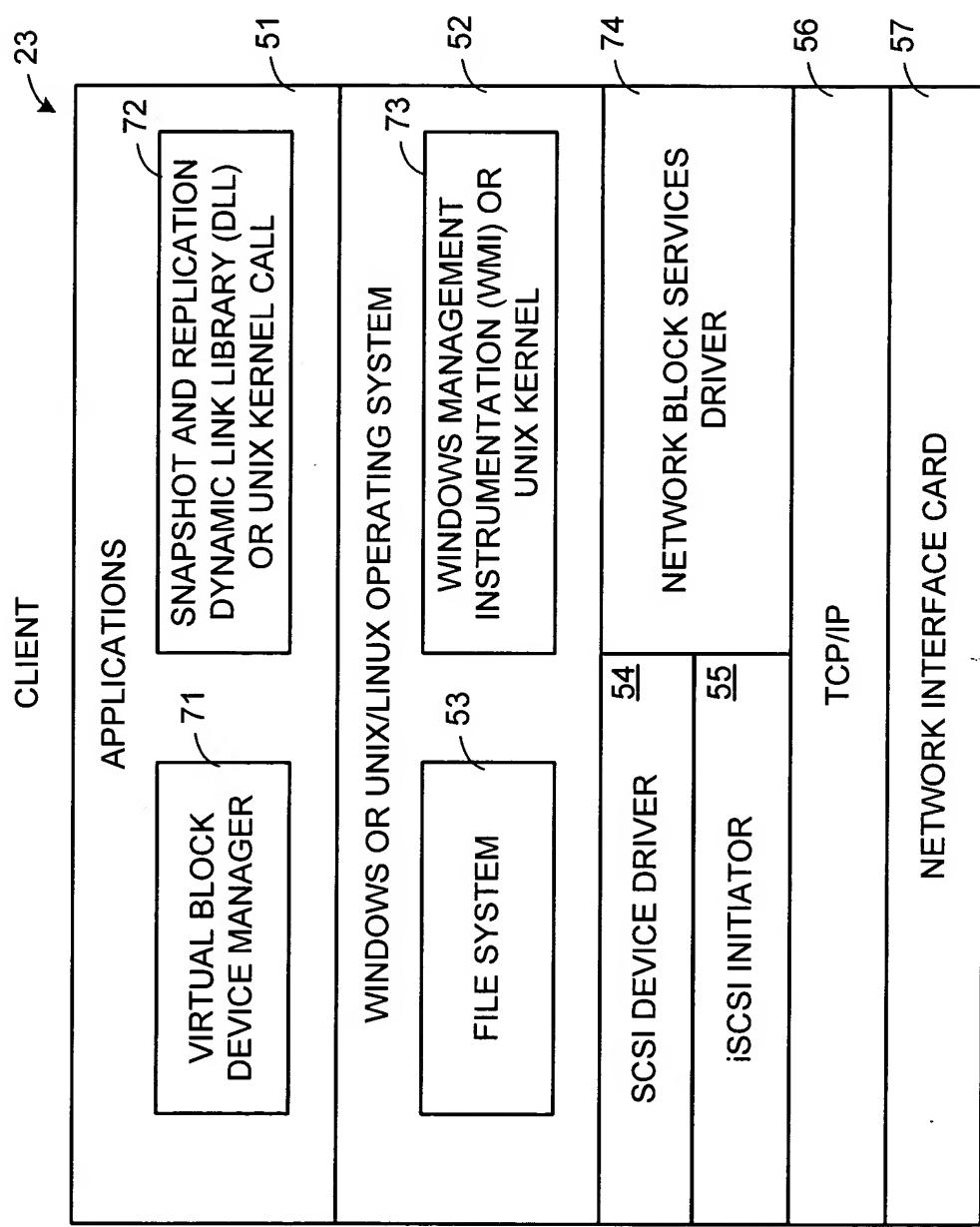


FIG. 6

FIG. 7



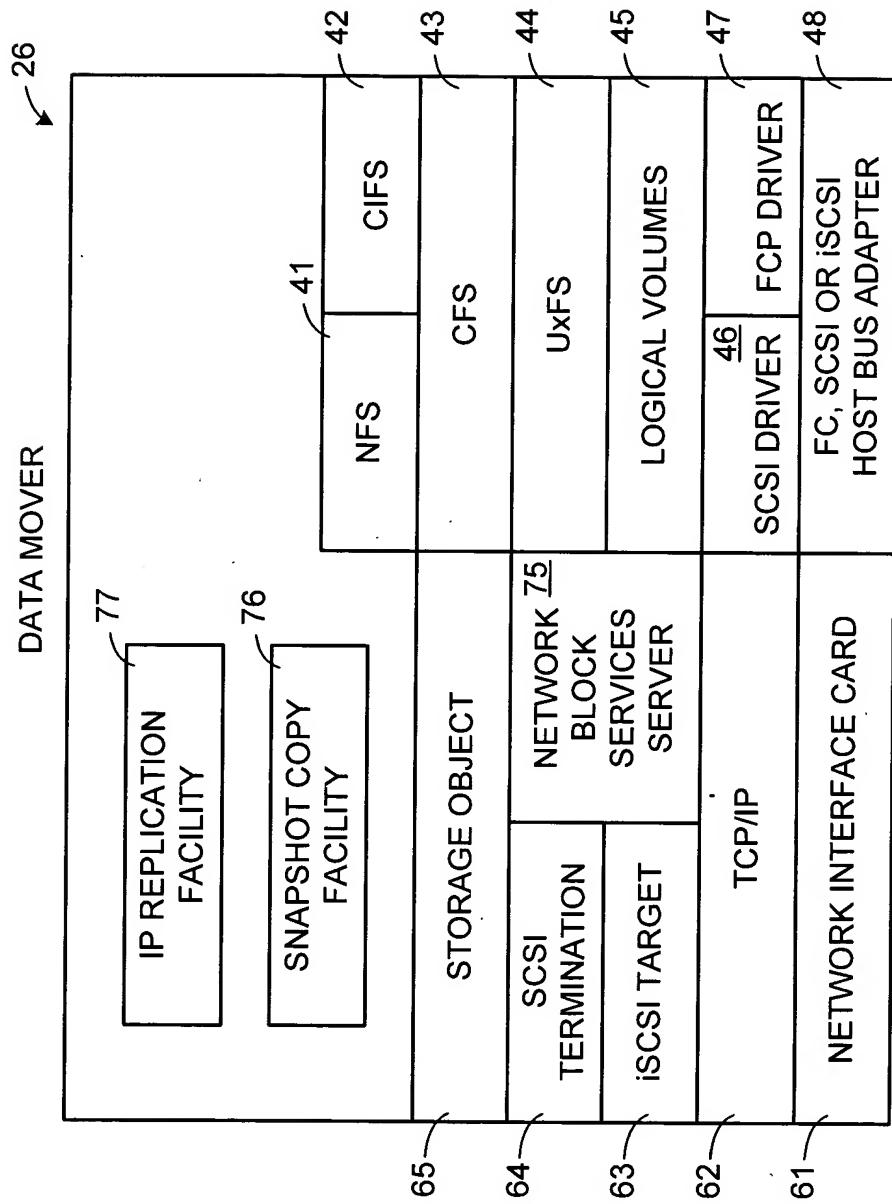
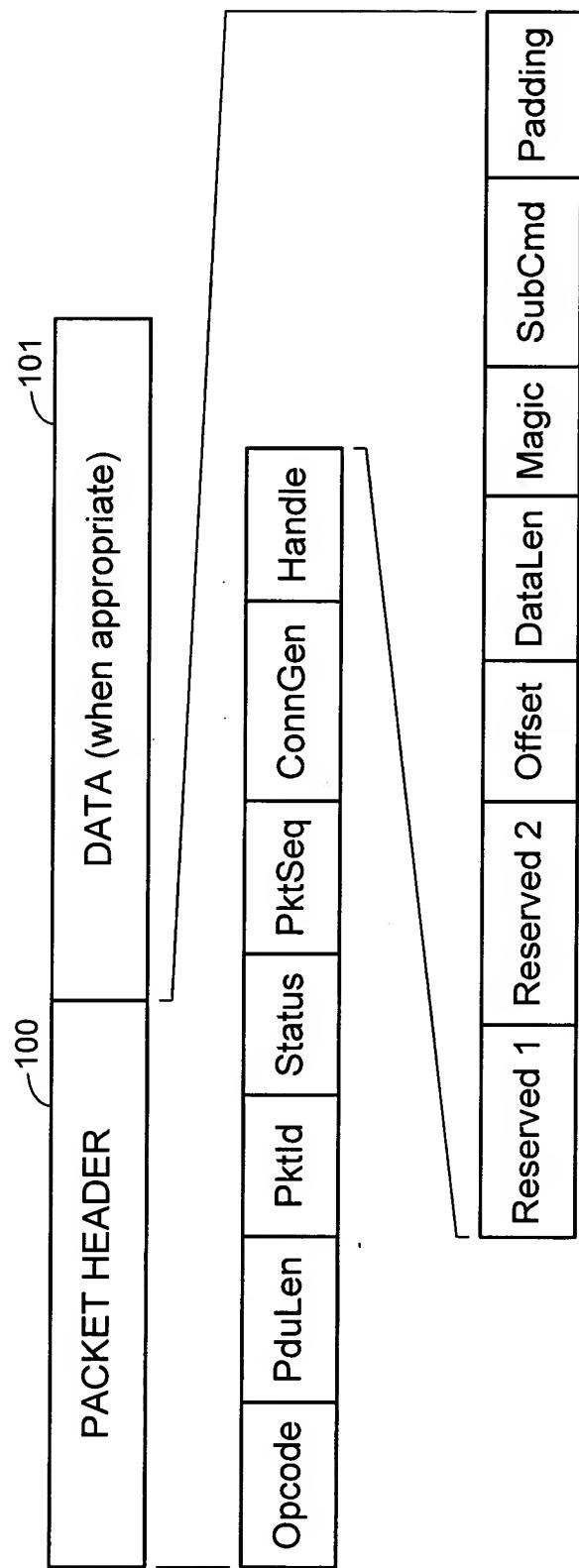


FIG. 8

FIG. 9



DRIVER OPCODES

READ	READS A SPECIFIED LENGTH OF DATA FROM A SPECIFIED STORAGE OBJECT BEGINNING AT A SPECIFIED OFFSET
WRITE	WRITES A SPECIFIED LENGTH OF DATA TO SPECIFIED STORAGE OBJECT BEGINNING AT A SPECIFIED OFFSET
INFO	GETS A LIST OF THE STORAGE OBJECTS ON THE SERVER, OR GETS THE CAPACITY AND HANDLE OF A NAMED OBJECT
NO-OP	SENDS A PACKET TO A SERVER TO GET A RETURN PACKET TO TEST OR KEEP ALIVE THE TCP CONNECTION
PAUSE	PAUSE ACCESS TO A SPECIFIED STORAGE OBJECT
RESUME	RESUME ACCESS TO A SPECIFIED STORAGE OBJECT
SNAP	SNAPSHOT MANAGEMENT WITH RESPECT TO A SPECIFIED STORAGE OBJECT
READ OPAQUE	OPAQUE READ WITH RESPECT TO A SPECIFIED STORAGE OBJECT
WRITE OPAQUE	OPAQUE WRITE WITH RESPECT TO A SPECIFIED STORAGE OBJECT
AUTH	AUTHENTICATE THE DRIVER IDENTITY TO THE SERVER
MSG	SEND A MESSAGE TO THE SERVER

FIG. 10

SERVER OPCODES

READ	RETURNS THE REQUESTED DATA
WRITE	RETURNS A CONFIRMATION OF THE WRITE OPERATION
INFO	RETURNS THE REQUESTED INFORMATION
NO-OP	RETURNS A NO-OP PACKET
PAUSE	RETURNS A CONFIRMATION OF THE PAUSE
RESUME	RETURNS A CONFIRMATION OF THE RESUME
SNAP	RETURNS A CONFIRMATION OF THE SNAP OPERATION
READ OPAQUE	RETURNS THE REQUESTED DATA
WRITE OPAQUE	RETURNS A CONFIRMATION OF THE WRITE OPERATION
AUTH	RETURNS A RESPONSE TO THE AUTHENTICATION REQUEST
MSG	RETURNS A CONFIRMATION OF RECEIPT OF THE MESSAGE

FIG. 11

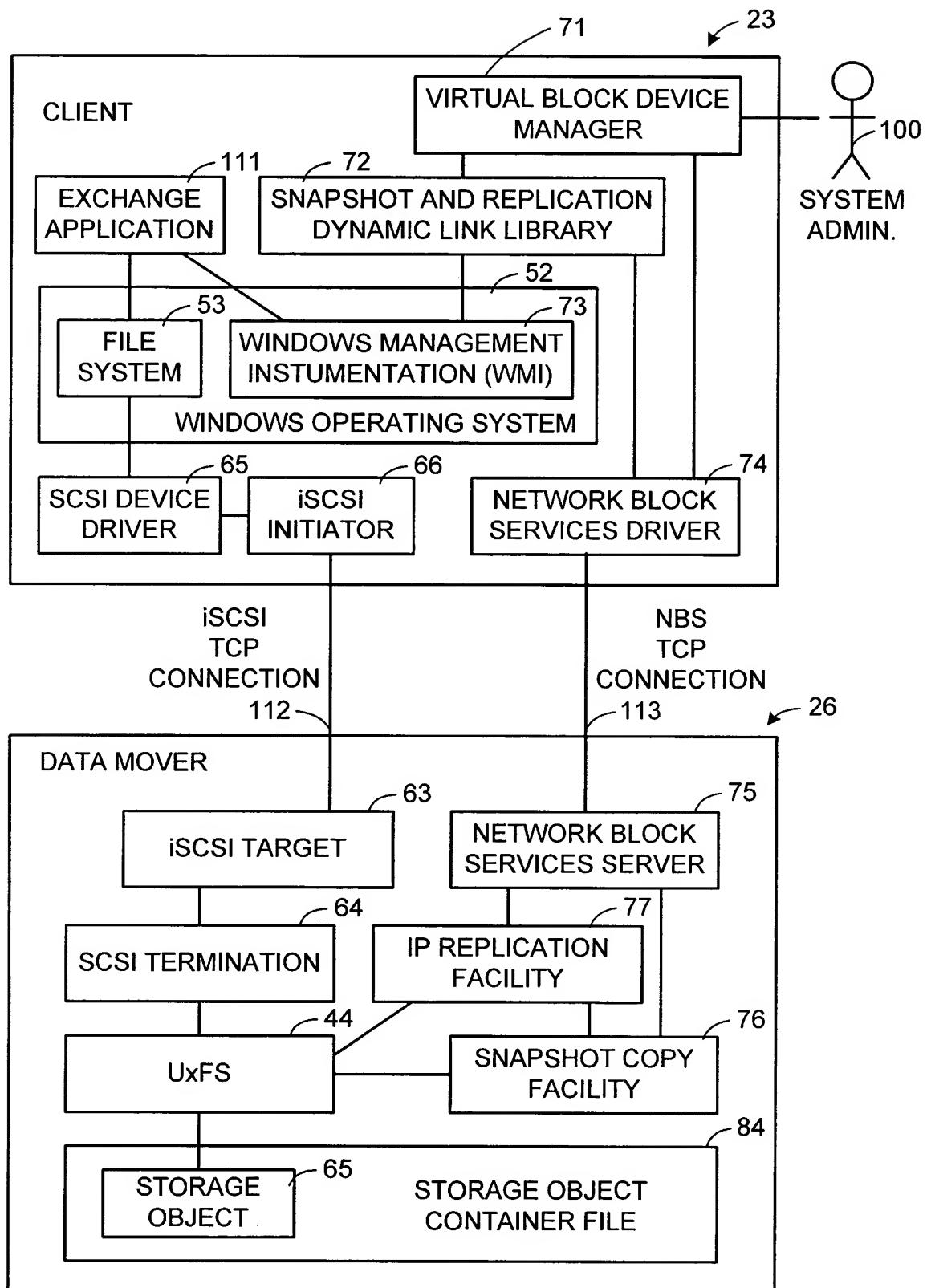


FIG. 12

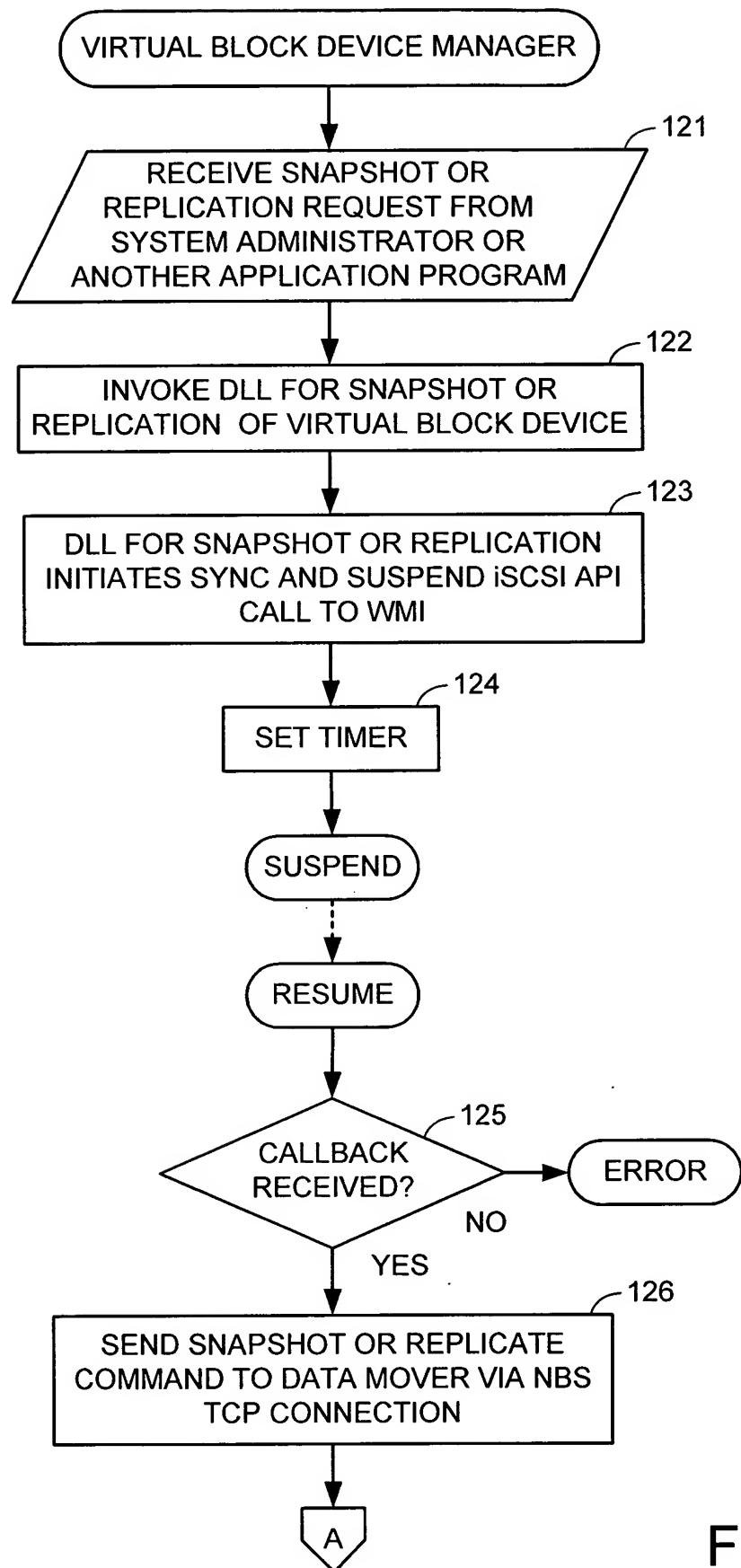


FIG. 13

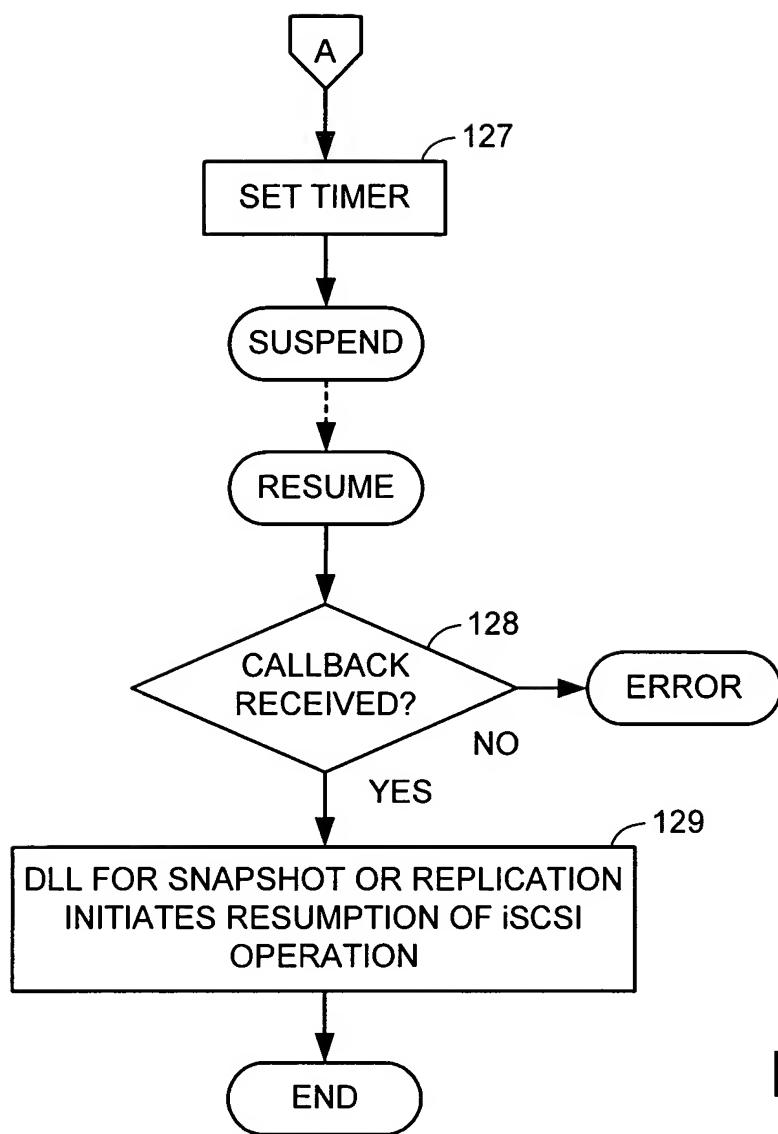


FIG. 14

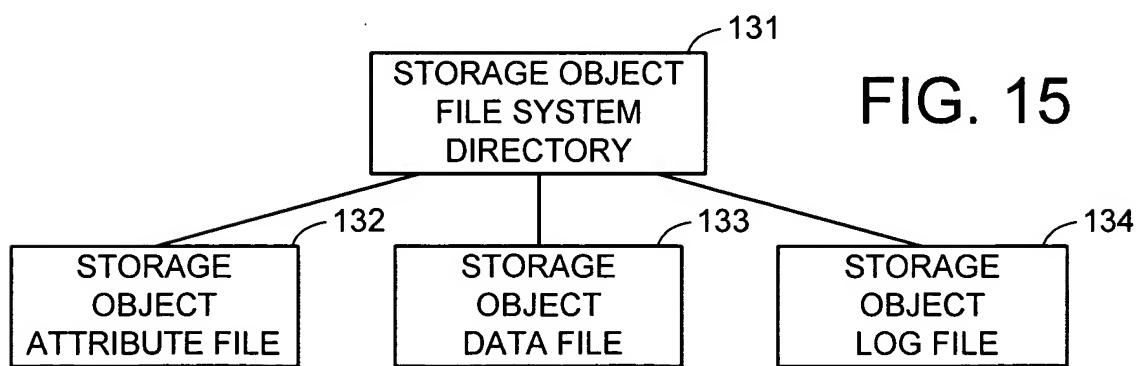


FIG. 15